

This application is a continuation under 37 C.F.R. §1.53(b) of United States Application No. 09/465,637, filed on December 17, 1999, now Patent No. 6,238,551, which is a continuation-in-part of United States Application No. 09/250,741, filed on February 16, 1999, now Patent No. 6,007,701, and a continuation-in-part of United States Application No. 09/265,903 filed on March 10, 1999. This application is also related to co-pending United States Application No. 09/753,495 filed on January 2, 2001, and United States Application No. 09/754,680 filed on January 4, 2001, now Patent No. 6,319,394.

IN THE CLAIMS:

Please cancel claims 5, 14, 29, 42, and 52 without prejudice and amend the claims as follows:

4. (Amended) A method for purifying motor oil, comprising:
mixing the motor oil with a phase transfer catalyst in the presence of a base compound, wherein the phase transfer catalyst comprises a glycol;
mixing the motor oil with a solvent to dissolve contaminants from the motor oil into the solvent; and then
separating the solvent from the motor oil.
5. (Cancelled without prejudice) The method of claim 4, wherein the phase transfer catalyst comprises quaternary ammonium salts, polyol ethers, glycols, or crown ethers.
6. The method of claim 4, wherein the phase transfer catalyst comprises ethylene glycol.